# Exhibit 2 International Cooperation In Information Technology R&D Discussion Guide Topics List

#### **R&D** Survey Topics

- 1) Image and Voice Synthesis/Pattern Recognition
  - a) Visual Pattern Recognition
  - b) Voice Recognition

#### 2) Dielectric Ceramic Materials

- a) Sensors
- b) Heat and Corrosion Resistant Ceramics
- c) Superconductive Ceramics
- d) Transmission (e.g. microwave 5-channel combiner)

### 3) Parallel Processing Systems

- a) Operating Systems
- b) Software Modules and Tools

## 4) Display Systems

- a) High Efficiency, High Intensity Displays
- b) Electroluminescent, Electrochromic Displays
- c) High Resolution Graphics Display Systems
- d) Wide Band Variable Scanning Colour Display
- e) Flat Panel Display

# 5) <u>Light Sources</u>

- a) Solid State Light Sources for Film Recorders
- b) Blue Lasers with Frequency Doubling for Film Recorders
- c) High Power Ultraviolet Sources for Printed Circuit Board Production, Direct-Read-After-Write (DRAW) Films

## 6) Expert Systems/Artificial Intelligence

- a) Intelligent Databases
- b) Tools and Techniques for Software Engineering
- c) Diagnostic Expert System Shell